

Practitioner's Docket No. 700953-45394C

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.'" M.P.E.P. Section 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of
Inventor(s): Jeffrey, SCHLOM; Dennis, PANICALI

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10*

(When using Express Mail, the Express Mail label number is *mandatory*;
Express Mail certification is *optional*.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
37 C.F.R. Section 1.8(a) 37 C.F.R. Section 1.10*

- ☐ with sufficient postage as first class mail. ☒ as "Express Mail Post Office to Address"
Mailing Label No. _____ (mandatory)
EL5650952445

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office (703) _____

Date: October 20, 2000

Signature

Patricia Turner

(type or print name of person certifying)

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. Section 1.10(b).
"Since the filing of correspondence under [Section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal--page 1 of 13)

SECRET

This new application is for a(n)

2. **Benefit of Prior U.S. Application(s)** (35 U.S.C. Sections 119(e), 120, or 121)
- [X] The new application claims the benefit of one or more prior U.S. applications as follows:

3. Papers Enclosed

44 Pages of Specification
3 Pages of Claims
2 Sheets of Drawing

1 1 Pages of declaration and power of attorney
1 1 Pages of Abstract
Other

[] Amendment to claims

- ☐ Cancel in this applications claims _____ before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
- ☐ Add the claims shown on the attached amendment. (Claims added have been

numbered consecutively following the highest numbered original claims.)

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement (37 C.F.R. Section 1.98)
- ☐ Form PTO-1449 (PTO/SB/08A and 08B)
- ☐ Citations
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- ☐ Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- ☐ Special Comments
- ☐ Other

5. Declaration or Oath (including power of attorney)

- ☒ Enclosed

Executed by

- ☒ inventor(s).
- ☐ legal representative of inventor(s). 37 C.F.R. Section 1.42 or 1.43.
- ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.

- ☐ This is the petition required by 37 C.F.R. Section 1.47 and the statement required by 37 C.F.R. Section 1.47 is also attached. See item 13 below for fee.

- ☐ Not Enclosed.

- ☐ Application is made by a person authorized under 37 C.F.R. 1.41 on behalf of *all* the above named inventor(s).

- ☐ Showing that the filing is authorized.
(*not required unless called into question. 37 C.F.R. Section 1.41(d)*)

6. Inventorship Statement

The inventorship for all the claims in this application are:

- ☐ The same.

or

- ☐ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
- ☐ is submitted.
 - ☐ will be submitted.

7. **Language**

- ☒ English
☐ Non-English

- ☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. Section 1.52(d).

8. **Assignment**

- ☐ An assignment of the invention to _____

- ☐ is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.
☐ will follow.

9. **Certified Copy**

Certified copy(ies) of application(s)

Country	Appln. no.	Filed
Country	Appln. no.	Filed
Country	Appln. no.	Filed

from which priority is claimed

- ☐ is (are) attached.
☐ will follow.

10. **Fee Calculation (37 C.F.R. Section 1.16)**

- A. ☒ Regular application

CLAIMS AS FILED

[illegible]

[] A copy of the statement in the prior application is included.

12. Request for International-Type Search (37 C.F.R. Section 1.104(d))

13. Fee Payment Being Made at This Time

[] No filing fee is to be paid at this time.
(This and the surcharge required by 37 C.F.R. Section 1.16(e) can be paid subsequently.)

[X] Filing fee \$ 788.00

☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. Sections 1.47 and 1.17(i))\$

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☐ Processing and retention fee
(\$130.00; 37 C.F.R. Sections 1.53(d) and 1.21(l))\$

☐ Fee for international-type search report
(\$40.00; 37 C.F.R. Section 1.21(e)) \$

Total Fees Enclosed

\$ 788.00

14. Method of Payment of Fees

☒ Check in the amount of \$ 788.00

☐ Charge Account No. _____ in the amount of \$ _____
A duplicate of this transmittal is attached.

15. Authorization to Charge Additional Fees

☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 50-0850

☒ 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)

☐ 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)

☐ 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☐ 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).

☐ 37 C.F.R. Section 1.17 (application processing fees)

☐ 37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. Section 1.311(b))

16. Instructions as to Overpayment

☒ Credit Account No. 50-0850.

☐ Refund


SIGNATURE OF PRACTITIONER

Reg. No. 34,235

David S. Resnick

(type or print name of practitioner)

Tel. No.: (617) 345-6057

101 Federal Street

P.O. Address

Customer No.:

Boston, MA 02110

☒ Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

☒ Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

Number of pages added 1

☐ Plus Added Pages for Papers Referred to in Item 4 Above

Number of pages added _____

☐ Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.

Number of pages added _____

☐ Plus "Assignment Cover Letter Accompanying New Application"

Number of pages added _____

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(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item)

[]

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399</
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ADDED PAGE(S) FOR SPECIAL COMMENTS FOR APPLICATION TRANSMITTAL WHERE
BENEFIT OF PRIOR U.S. APPLICATION(S) IS CLAIMED

1c013 U.S. PTO
09/693121
10/20/88

17. Relate back

A. 35 U.S.C. 119(e)

B. 35 U.S.C. 120, 121 and 365(c)

☒ "This application is a

- ☒ continuation
☐ continuation-in-part
☐ divisional

of copending application(s)

☒ application number 08/500,306 filed on July 10, 1995.

☐ International Application _____ filed on _____ and which designated U.S."

☐ "The non-provisional application designed above, namely application number 08/500,306 filed on July 10, 1995, claims benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

☐ Where more than one reference is made above please combine all references into one sentence.

Added page 1

(Added Page(s) for Special Comments for New Application Transmittal)

PATENT
U.S. PTO
09/693121
10/20/00